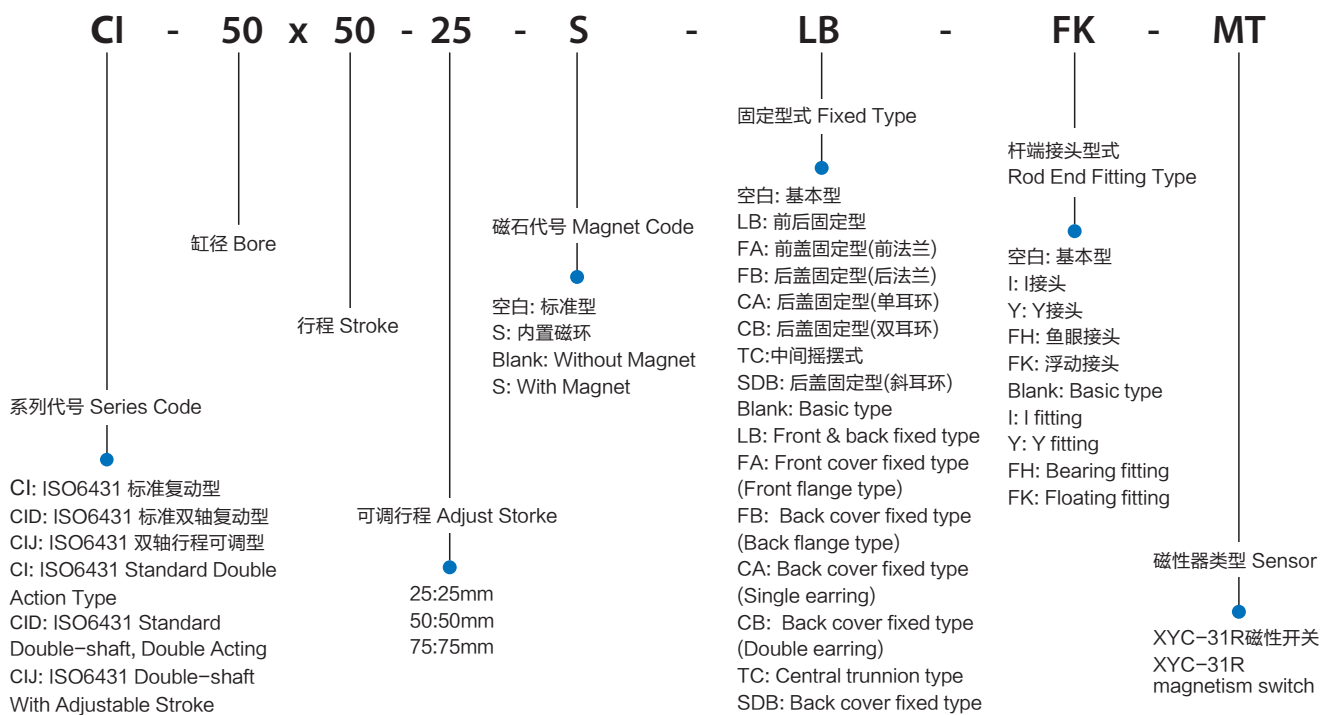




订购码 Ordering Code



气缸
Cylinder

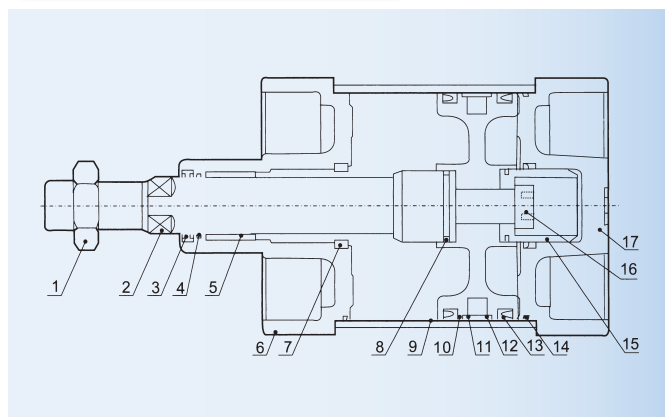
规格 Specification

内径 Bore (mm)	32	40	50	63	80	100	125	160	200	250	320
动作型式/Motion Pattern	复动型 Double Action										
工作介质/Working Medium	空气 Air										
固定型式/Fixed Type	基本型/Normal type FA型/Type FB型/Type CA型/Type CB型/Type SDB型/Type LB型/Type TC型/Type										
使用压力范围/Working Pressure Range	0.1~0.9MPa										
保证耐压力/Ensured Pressure Resistance	1.35MPa										
使用温度范围/Operating Temperature Range	0~70℃										
使用速度范围/Operating Speed Range	50~800mm/s										
缓冲型式/Buffer Type	可调缓冲 /Adjustable Buffer										
缓冲行程/Buffer Stroke	20mm				26mm				45mm	52mm	66mm
接管口径/Port Size	G1/8"	G1/4"		G3/8"		G1/2"			G3/4"	G1"	

行程 Stroke

内径 Bore (mm)	标准行程 Standard Stroke	最大行程 Max.Stroke	容许行程 Permissible Stroke
32	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500	1000	2000
40	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500 600 700 800	1200	2000
50	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500 600 700 800 900 1000	1200	2000
63	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000
80	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000
100	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000
125	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000
160	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000
200	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000
250	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000
320	25 50 75 80 100 125 160 175 200 250 300 350 400 450 500 600 700 800 900 1000	1500	2000

内部结构 Internal Structure



零件表 Parts

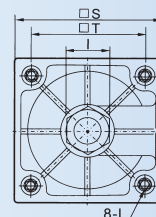
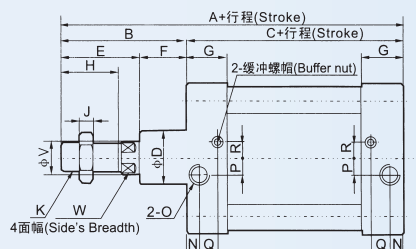
序号 NO.	名称 Designation	序号 NO.	名称 Designation
1	活塞杆螺母 Piston Rod Nut	10	活塞 Piston
2	活塞杆 Piston Rod	11	耐磨环 Wear Ring
3	前盖密封圈 Front Cover Seal Ring	12	磁铁(可选) Magnet (Optional)
4	O型圈 O-ring	13	活塞O型圈 Piston O-ring
5	含油轴承 Bearing	14	管壁O型圈 Pipe Wall O-ring
6	前盖 Front Cover	15	缓冲体 Damping
7	缓冲体O型圈 Buffering O-ring	16	内六角螺栓 Hex Socket Screw
8	活塞杆 Piston Rod O-ring	17	后盖 Back Over
9	缸筒 Barrel		

气缸理论出力表 Cylinder Theory Output

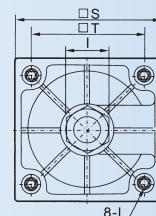
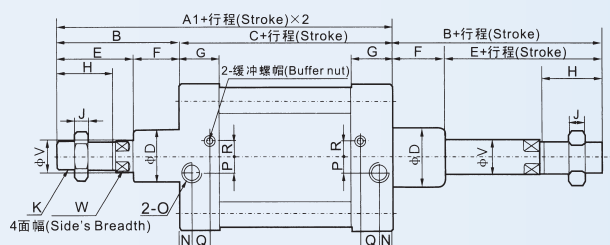
气缸内径 Cylinder Inside Diameter	活塞杆外径 External Diameter of Piston Rod	动作型式 Motion Pattern	受压面积 Compression Area (cm ²)	空气压力 Air Pressure (Kgf/cm ²)								
				1	2	3	4	5	6	7	8	9
32	12	复动型	压侧 Press Side	8.04	8.04	16.08	24.12	32.16	40.20	48.24	56.28	64.32
			拉侧 Pull Side	6.90	6.90	13.80	20.07	27.60	34.50	41.40	48.30	55.20
40	16	复动型	压侧 Press Side	12.56	12.56	25.12	37.68	50.24	62.80	75.36	87.92	100.24
			拉侧 Pull Side	10.55	10.55	21.10	31.65	42.20	52.75	63.30	73.85	84.40
50	20	复动型	压侧 Press Side	19.63	19.63	39.26	58.89	78.52	98.15	117.78	137.41	157.04
			拉侧 Pull Side	16.49	16.49	32.98	49.47	65.96	82.45	98.94	115.43	131.92
63	20	复动型	压侧 Press Side	31.17	31.17	62.34	93.51	124.68	155.85	187.02	218.19	249.36
			拉侧 Pull Side	28.03	28.03	56.06	84.09	112.12	140.15	168.18	196.21	224.24
80	25	复动型	压侧 Press Side	50.26	50.26	100.52	150.78	201.04	251.30	301.56	351.82	402.08
			拉侧 Pull Side	45.36	45.36	90.72	136.08	181.44	226.80	272.16	317.52	362.88
100	25	Double Action	压侧 Press Side	78.53	78.53	157.06	235.59	314.12	392.65	471.18	549.71	628.24
			拉侧 Pull Side	71.47	71.47	142.94	214.41	285.88	357.35	428.82	500.29	571.76
125	32	Double Action	压侧 Press Side	122.72	122.72	245.44	368.16	490.88	613.60	736.32	859.04	981.76
			拉侧 Pull Side	114.68	114.68	229.36	344.04	458.72	573.40	688.08	802.76	917.44
160	40	Double Action	压侧 Press Side	201.06	201.06	402.12	603.18	804.24	1005.30	1206.36	1407.42	1608.48
			拉侧 Pull Side	188.49	188.49	376.98	565.47	753.96	942.45	1130.94	1319.43	1507.92
200	40	Double Action	压侧 Press Side	314.16	314.16	628.32	942.48	1256.64	1570.80	1884.96	2199.12	2513.28
			拉侧 Pull Side	301.57	301.57	603.14	904.71	1206.28	1507.80	1809.42	2100.99	2412.56
250	50	Double Action	压侧 Press Side	49060	9812	14718	19624	24530	29436	34342	39248	
			拉侧 Pull Side	47100	9420	14130	18840	23550	28260	32970	37680	
320	63	Double Action	压侧 Press Side	80384	16077	24115	32154	40192	48230	56269	64307	
			拉侧 Pull Side	77268	15454	23180	30907	38634	46361	54088	61814	

外形尺寸 Overall Dimension

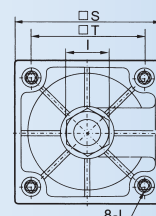
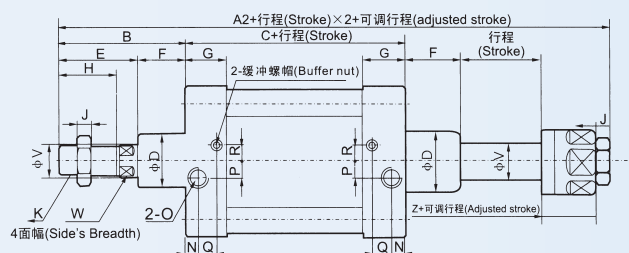
CI



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尺寸表 Dimension Sheet

内径 Bore	A	A1	A2	B	C	D	E	F	G	H	I	J	K
32	142	190	187	48	94	30	28	16	27.5	22	17	6	M10×1.25
40	159	213	207	54	105	35	32	18	29	24	19	7	M12×1.25
50	175	244	233	69	105	40	42	25	30	32	24	8	M16×1.5
63	190	259	250	69	120	40	40	24	31.5	32	24	8	M16×1.5
80	214	300	286	86	128	45	53	30	35.5	40	30	10	M20×1.5
100	229	320	308	91	138	45	55	32	36	40	30	10	M20×1.5
125	279	398	372.5	119	160	60	74	45	46	54	41	13.5	M27×2
160	332	484	448	152	180	65	94	58	50	72	55	18	M36×2
200	337	514	472	157	180	75	100	57	50	72	55	18	M36×2
250	389	—	—	189	200	90	122	67	54	84	65	21	M42×2
320	436	—	—	216	220	110	126	90	65	96	75	24	M48×2
内径 Bore	L	N	O	P	Q	R	S	T	V	W	Z		
32	M6	13.5	G1/8"	4	7.5	7	47	32.5	12	10	21		
40	M6	16	G1/4"	6	8.5	9	53	38	16	13	21		
50	M8	15.5	G1/4"	8.5	7.5	7.5	65	46.5	20	17	23		
63	M8	16.5	G3/8"	7.5	8.5	9	75	56.5	20	17	23		
80	M10	16.5	G3/8"	11	8.5	13.5	95	72	25	22	29		
100	M10	18.5	G1/2"	13.5	9.5	14.5	115	89	25	22	29		
125	M12	23	G1/2"	14	12	14	140	110	32	27	35		
160	M16	25	G3/4"	15	12	20	180	140	40	36	40		
200	M16	25	G3/4"	15	12	20	220	175	40	36	40		
250	M20	31	G1"	18.5	5	40	270	220	50	46	—		
320	M24	31	G1"	35	10	35	350	270	63	55	—		